ER - 309-155-802-45

PTO/SB/05 (08-03)

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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. 2004-2150.ORI First Inventor Yukihiro MATSUMOTO Title Apparatus And Process For Purification Of Acrylic..

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express M	ail Label		E	R-309-	155-802-US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application co	ontents.	A	DDRESS	TO: C	ommissi O. Box	Patent Application loner for Patents 1450 a VA 22313-1450	S. PT 553
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification (Total Pages (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)	g) 35]]	8. Nucleo (if application a. b.	Computer stide and/ocable, all ne Con Specificar i.	or CD-R r Program or Amino ecessary) mputer R tion Sequ CD-RO Paper	in dup n (App Acid S Readab uence I M or C	licate, large table or	topies 168
- Detailed Description - Claim(s) - Abstract of the Disclosure		10.	37 CFR 3. (when there	73(b) Sta is an assi	atemen <i>gnee)</i>	er sheet & document(it Power of A ment (if applicable)	
Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire under Box 5b, is considered a part of the disclosure of the reference. The incorporation can only be relied upon when a	ppleted) g inventor(s) 37 CFR b box, and supder 37 CFR 1 tion-in-part d disclosure accompanyi portion has	12.	Information Statement Preliminar Return Re Certified C If foreign pr Nonpublica (b)(2)(B)(i) Or its equiv Other: 1 Information Or applica Group On or divisently omitte	n Disclos t (IDS)/PT y Amend ceipt Pos specifically clopy of P criority is cla ation Rec). Applica valent.) Certifica) Formal I on below a ation No.:	ment steard (itemize riority I laimed) quest us ant must of M Drawing and in the laim itemize and in the laim item and in the laim item and itemize and in the laim item and itemize and	Copies of Citations (MPEP 503) ed) Document(s) under 35 U.S.C. 122 st attach form PTO/S Mailing Via Express Mailing Via Expr	SB/35 ail; B10.00
Customer Number:	22476	<u> </u>	<u> </u>	or 🔀	Corre	spondence address belo	ow
Name Robert J. Jacobson Haugen Law Firm PLLP							
Address 1130 TCF Tower							
121 South Eighth Street					ı		
City Minneapolis		MN		Zip Co		55402	
Country United States of America Tele	ephone 6	12-339-8300			Fax	612-339-8200	
Name (Print/Type) Robert J. Jacobson Signature	1M	Regis	tration No.		Agent) Date	32,419 February 23, 2004	\rightarrow

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
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(FEE TRANSMITTA		···· Complete if Known						
1	- [Appl	ication	Numi	ber OF EVEN DATE			
for FY 2004		Filin	g Date		February 23, 2004	February 23, 2004		
Effective 10/01/2003. Patent fees are subject to annual revisi	on.	First	Name	d Inve	entor Yukihiro MATSUMOTO	Yukihiro MATSUMOTO		
Applicant claims small entity status. See 37 CFR 1.2	27	Exar	niner I	Vame				
		Art l	Jnit			·		
TOTAL AMOUNT OF PAYMENT $x > 5$ \$810	No. 2004-2150.ORI							
METHOD OF PAYMENT (check all that apply)				FE	EE CALCULATION (continued)			
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Deposit Account:	Large Fee	Entity						
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Account Number 50-0789	1051	130			Surcharge - late filing fee or oath			
Deposit Account VV	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
Account Name Haugen Law Firm PLLP	1053	130	1053	130	Non - English specification			
The Director is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge any additional fee(s) or any underpayment of fee(s)	1805	1,840*	1805	1.840*	Requesting publication of SIR after Examiner	===		
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to the above-identified deposit account.	1251	110	2251		Extension for reply within first month			
FEE CALCULATION	1252	420	2252		Extension for reply within second month			
1. BASIC FILING FEE	1253	950	2253	-	Extension for reply within third month			
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Code (\$) Code (\$) Fee Paid	1401	2,010	2255	•	Extension for reply within fifth month Notice of Appeal			
1001 770 2001 385 Utility filing fee 770.00	1401	330 330	2401		Filing a brief in support of an appeal			
1002 340 2002 170 Design filing fee	1402	290	2402		Request for oral hearing			
1003 530 2003 265 Plant filing fee					Petition to institute a public use proceeding			
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1452	110		•	Petition to revive - unavoidable			
		1,330	2453		Petition to revive - unintentional			
SUBTOTAL (1) x > 5 \$770.00		1,330			Utility issue fee (or reissue)			
2. EXTRA CLAIM FEES FOR UTILITY AND	1502		2502		Design issue fee			

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Extra Claims

or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Robert J. Jacobson	Registration No. (Attorney/Agent)	32,419	Telephone	612-339-8300
Signature	Lihotte	_		Date	February 23, 2004

*Reduced by Basic Filing Fee Paid

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PATENT APPLICATION

Our File No.: 2004-2150.ORI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: Nippon Shokubai Co., Ltd.

S.N.: OF EVEN DATE

Filed: February 23, 2004

For: APPARATUS AND PROCESS FOR PURIFICATION OF ACRYLIC ACID FAMILY

CERTIFICATE OF MAILING VIA EXPRESS MAIL

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached patent application consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on February 23, 2004 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, under Express Mail Post Office to Addressee Label No. ER-309-155-802-US:

- This Certificate Of Mailing Via Express Mail dated 02/23/04 (one page);
- 2. Utility Patent Application Transmittal dated 02/23/04 (one page plus duplicate);
- 3. Fee Transmittal for FY 2004 dated 02/23/04 (one page plus duplicate);
- 4. Check no. 6819 in the amount of \$810.00;
- 5. Application Data Sheet (two pages);
- 6. Written Description (pages 1-32);
- 7. Claims (page 33, 34);
- 8. Abstract (page 35);
- 9. Informal drawings (four sheets) attached to written description, claims and abstract:
- 10. Formal drawings (four sheets) in manila folder with identifying label on the back of each of the sheets;
- 11. Declaration (two pages);
- 12.Certified Copy of JP2003-074304 dated 03/18/03;
- 13. Recordation Form Cover Sheet dated 02/23/04 (one page);
- 14. Assignment of Invention (one page);
- 15. Information Disclosure Statement dated 02/23/04 (three pages);
- 16.PTO-1449 form (one sheet);
- 17.References listed on the PTO-1449 form (eight references total); and
- 18. Postcard Receipt.

Respectfully submitted, HAUGEN LAW FIRM PLLP

Robert J. Jacobson, Reg. No. 32,419 Attorney for Applicant(s)

1130 TCF Tower

121 South Eighth Street Minneapolis, MN 55402 Phone: (612) 339-8300